

IN THE CLAIMS:

Please substitute the following claims for the same numbered claims in the application.

Claim 1 (Currently Amended): An electrode device comprising[:] a plurality of electrode fingers, wherein each electrode finger comprises:

a substrate;

a first electrode having adjacent to said substrate, wherein said first electrode comprises an upper region and a lower region, wherein said an upper region is wider than a said lower region; and

a second electrode disposed on top of said upper region of said first electrode[.] and in a region in between each of said electrode fingers.

Claim 2 (Original): The device of claim 1, wherein said electrode device further comprises a plurality of electrical connections.

Claim 3 (Original): The device of claim 1, wherein said upper region upwardly slopes from said lower region.

Claim 4 (Currently Amended): The device of claim 1, wherein said first electrode comprises a first electrically conductive material, and said second electrode comprises a second electrically conductive material.

Claim 5 (Canceled).

Claim 6 (Original): The device of claim 4, wherein said first conductive material further comprises photoactive compounds, wherein said photoactive compounds comprise one of polyphenylenevinylene, polypyrrole, and polythiophene derivatives.

Claim 7 (Original): The device of claim 4, wherein said second conductive material comprises one of aluminum, copper, titanium, titanium nitride, sputtered tungsten, tantalum, and tantalum nitride.

Claim 8 (Currently Amended): An electrode device comprising[:] a plurality of electrode fingers, wherein each electrode finger comprises:

a substrate;

a first electrode having adjacent to said substrate, wherein said first electrode comprises an upper region and a lower region, wherein said an upper region is wider than a said lower region;

a second electrode disposed on top of said upper region of said first electrode[;]
and in a region in between each of said electrode fingers; and

a plurality of electrical connections;

wherein said upper region upwardly slopes from said lower region;

wherein said first electrode comprises a first conductive material, and said second electrode comprises a second conductive material;

wherein said first and second conductive material are electrically conductive.

Claim 9 (Original): The device of claim 8, wherein said first conductive material further comprises photoactive compounds, wherein said photoactive compounds comprise one of polyphenylenevinylene, polypyrrole, and polythiophene derivatives.

Claim 10 (Original): The device of claim 8, wherein said second conductive material comprises one of aluminum, copper, titanium, titanium nitride, sputtered tungsten, tantalum, and tantalum nitride.

Claims 11-17 (Canceled).

Please add the following claims:

Claim 18 (New): An electrode device comprising:

a substrate;

a first electrode adjacent to said substrate and configured to have an upwardly sloping configuration;

a second electrode aligned over and adjacent to said first electrode and disposed in a region adjacent to a lower portion of said first electrode; and

a gap separating said lower portion of said first electrode from said second electrode in said region.

Claim 19 (New): The device of claim 18, wherein said electrode device further

comprises a plurality of electrical connections.

Claim 20 (New): The device of claim 18, wherein said first electrode comprises a first electrically conductive material, and said second electrode comprises a second electrically conductive material.

Claim 21 (New): The device of claim 20, wherein said first conductive material further comprises photoactive compounds, wherein said photoactive compounds comprise one of polyphenylenevinylene, polypyrrole, and polythiophene derivatives.

Claim 22 (New): The device of claim 20, wherein said second conductive material comprises one of aluminum, copper, titanium, titanium nitride, sputtered tungsten, tantalum, and tantalum nitride.